

## Electric transport property

- Electric conductivity
- Electric conductivity transition
- Electric current
- Electric current-potential relationship
- Electrodiffusion
- Electrokinetic phenomena
- Electron-hole recombination
- Electron transport
- Galvanomagnetic properties
- Hole concentration
- Hole mobility
- Hole transport
- Ion mobility
- Optogalvanic effect
- Quantum transport
- Thermal runaway
- Transfer coefficient
- Transference number
- See also related:
  - Electric current carriers
  - Electric field effects
  - Thermoelectricity
- Electric transport property**
  - See *Electric transport properties*
- Electric treeing**
  - See *Electrical treeing*
- Electric valves**
  - See
    - Electric discharge devices
    - Electron tubes
    - Rectifiers
- Electric vehicles**
  - See also related: *Automobiles*
- Electroabsorption**
  - See *Electrooptical absorption*
- Electroacoustic effect**
  - See *Acoustoelectric effect*
- ElectroadSORption**
  - See *Adsorption, electrochem.*
- Electrocaloric effect**
  - See *Pyroelectricity*
- Electrocapillarity**
  - See also related:
    - Electric field effects
    - Electrokinetic phenomena
- Electrocardiogram**
  - See *Heart, elec. activity*
- Electrocatalysis**
  - Valid heading during volumes 129-130 (July 1998-June 1999) only
  - See *Catalysis, electrocatalysis*
- Electrocatalysts**
  - Valid heading during volumes 129-130 (July 1998-June 1999) only
  - See *Catalysts, electrocatalysts*
- Electrochemical adsorption**
  - See *Adsorption, electrochem.*
- Electrochemical analysis**
  - See also narrower:
    - Amperometry
    - Coulometry
    - Potentiometry
    - Voltammetry
  - See also related:
    - Electrochemistry
    - Electrodes
- Electrochemical catalysis**
  - See *Catalysis, electrocatalysis*
- Electrochemical cells**
  - See also narrower:
    - Electrolytic cells
    - Fuel cells
    - Photoelectrochemical cells
    - Primary batteries
    - Secondary batteries
  - See also related:
    - Electric charge
    - Electrochemistry
    - Electrodeposition apparatus
    - Energy storage systems
- Electrochemical corrosion prevention**
  - Valid heading during volumes 129-130 (July 1998-June 1999) only
  - See *Corrosion prevention, electrochem.*
- Electrochemical coupling reaction**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Coupling reaction, electrochem.*
- Electrochemical crystal nucleation**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Crystal nucleation, electrochem.*
- Electrochemical desorption**
  - See *Desorption, electrochem.*
- Electrochemical dimerization**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Dimerization, electrochem.*
- Electrochemical etching**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Etching, electrochem.*
- Electrochemical fluorination**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Fluorination, electrochem.*
- Electrochemical gas sensors**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Gas sensors, electrochem.*
- Electrochemical hydrogenation**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Hydrogenation, electrochem.*
- Electrochemical inclusion reaction**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Inclusion reaction, electrochem.*
- Electrochemical intercalation**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Intercalation, electrochem.*

- Electrochemical machining**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Machining, electrochem.*
- Electrochemical oxidation**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Oxidation, electrochemical*
- Electrochemical oxidation catalysts**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Oxidation catalysts, electrochem.*
- Electrochemical oxidation kinetics**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Oxidation kinetics, electrochem.*
- Electrochemical passivation**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Passivation, electrochem.*
- Electrochemical polymerization**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Polymerization, electrochem.*
- Electrochemical polymerization kinetics**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Polymerization kinetics, electrochem.*
- Electrochemical redox reaction**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Redox reaction, electrochem.*
- Electrochemical redox reaction kinetics**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Redox reaction kinetics, electrochem.*
- Electrochemical reduction**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Reduction, electrochemical*
- Electrochemical reduction catalysts**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Reduction catalysts, electrochem.*
- Electrochemical reduction kinetics**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Reduction kinetics, electrochem.*
- Electrochemical sensors**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Sensors, electrochem.*
- Electrochemical synthesis**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Synthesis, electrochem.*
- Electrochemical wastewater treatment**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See
    - Wastewater treatment electrochem.
    - Wastewater treatment electrolysis
- Electrochemical water purification**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Water purification, electrochem.*
- Electrochemical water purification apparatus**
  - Valid heading during volumes 129-130 (July 1998-June 1999) only
  - See *Water purification, electrolysis, app.*
- Electrochemiluminescence**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Luminescence, chemiluminescence, electrochemiluminescence*
- Electrochemistry**
  - Studies relating only to broad aspects of this heading are indexed here. Studies relating to specific aspects, including properties, reactions, substances, phenomena, etc., are indexed at those headings. This heading is reserved for studies too broad or diffuse to be classified more specifically
  - See also narrower: *Photoelectrochemistry*
  - See also related:
    - Corrosion
    - Electricity
    - Electrochemical analysis
    - Electrochemical cells
    - Electrodeposition
    - Electrolysis
    - Electroplating
    - Schmidt number
- Electrochromatography**
  - See also narrower:
    - Capillary electrochromatography
    - Electrophoresis
- Electrochromic devices**
  - See also narrower: *Electrochromic imaging devices*
  - See also related: *Electrochromic materials*
- Electrochromic displays**
  - See *Electrochromic imaging devices*
- Electrochromic imaging devices**
  - See also related:
    - Electrochromic materials
    - Electrochromism
- Electrochromic materials**
  - See also related:
    - Electrochromic devices
    - Electrochromic imaging devices
    - Electrochromism
- Electrochromic windows**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Windows, electrochromic*
- Electrochromism**
  - See also related:
    - Color
    - Coloring
    - Electrochromic imaging devices

- Electrochromic materials**
- Electrocol 70**
  - See *Dextrin [9004-53-9]*
- Electroconvulsive therapy**
  - See also related: *Mental disorder*
- Electrocorticogram**
  - See *Brain, elec. activity*
- Electrocortin**
  - See *Pregn-4-en-18-al, 11,21-dihydroxy-3,20-dioxo-, (11 $\beta$ )- [52-39-1]*
- Electrocorundum**
  - See *Corundum (Al<sub>2</sub>O<sub>3</sub>) [1302-74-5]*
- Electrocrystallization**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Crystallization, electrocrystallization*
- Electrocyclic reaction**
  - See *Isomerization*
- Electrode-electrolyte interface**
  - See also related:
    - Electrodes
    - Electrolytes
    - Liquid-solid interface
    - Membrane potential
- Electrodeposition**
  - See also narrower:
    - Electroforming
    - Electrophoretic deposition
    - Electroplating
    - Electrostatic deposition
    - Electrowinning
    - Underpotential deposition
  - See also related:
    - Current efficiency
    - Electrochemistry
    - Electrodeposition apparatus
    - Electrodeposits
    - Electrolysis
    - Metallurgy
    - Powder metallurgy
    - Reduction
    - Vapor deposition process
- Electrodeposition and Electroplating**
  - See
    - Electrodeposition
    - Electroplating
- Electrodeposition apparatus**
  - See also related:
    - Electrochemical cells
    - Electrodeposition
- Electrodeposition wastewater**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Wastewater, electrodeposition*
- Electrodeposits**
  - See also narrower: *Electroplates*
  - See also related:
    - Electrodeposition
    - Metallurgy
- Electrodeposits and Electroplates**
  - See
    - Electrodeposits
    - Electroplates
- Electrode reaction**
  - See also related:
    - Cathodes
    - Electrode reaction kinetics
    - Electrodes
- Electrode reaction kinetics**
  - See also related:
    - Electrode reaction
    - Transfer coefficient
- Electrodes**
  - See also narrower:
    - Anodes
    - Battery electrodes
    - Capacitor electrodes
    - Cathodes
    - Chemically modified electrodes
    - Enzyme electrodes
    - Film electrodes
    - Fuel cell electrodes
    - Glass electrodes
    - Ion-selective electrodes
    - Membrane electrodes
    - Microelectrodes
    - Paste electrodes
    - pH electrodes
    - Photoelectric cell electrodes
    - Photoelectrodes
    - Reference electrodes
  - See also related:
    - Analytical apparatus
    - Drain current
    - Electric conductors
    - Electric contacts
    - Electrochemical analysis
    - Electrode-electrolyte interface
    - Electrode reaction
    - Electrolysis
    - Electron tubes
- Electrodialysis**
  - See also related: *Electrodiffusion*
- Electrodialyzers**
  - Valid heading during volumes 126-130 (1997-June 1999) only
  - See *Dialyzers, electrodialyzers*
- Electrodiffusion**
  - See also related:
    - Electrodialysis
    - Electroosmosis
    - Electrophoresis
    - Iontophoresis
- Electrodynamics**
  - See also narrower:
    - Electromagnetism
    - QED (quantum electrodynamics)
  - See also related:
    - Dynamics
    - Elementary particles
    - Field theory
    - Physics